

L5 ANSWER 18 OF 34 CAPLUS COPYRIGHT 2000 ACS
 ACCESSION NUMBER: 1997:293995 CAPLUS
 DOCUMENT NUMBER: 126:282543
 TITLE: Hair-bleaching agents containing xanthan gum
 INVENTOR(S): Ozeki, Hiroyuki; Kasugai, Masaaki
 PATENT ASSIGNEE(S): Hoyu Kk, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 09067235	A2	19970311	JP 1995-246862	19950830
AB	Hair-bleaching agents contain persulfate salts, oxidizing agents, and xanthan gum. The agents show viscosity stability and do not damage and uniformly bleach the hair. A hair bleach was formulated by dissolving 25 g of a compn. contg. <u>Na persulfate 45, (NH₄)₂SO₄ 10, Na₂CO₃ 20, Na lauryl sulfate 4, EDTA-2Na 1, <u>quaternary ammonium</u>-contg. cellulose ether 5, and Keltrol (xanthan gum) 15 wt.% in 100 mL of an aq. 6% H₂O₂ soln.</u>				
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ST	hair bleach xanthan gum persulfate oxidant				
IT	Hair preparations (bleaches; hair-bleaches contg. persulfate salts, oxidizing agents, and xanthan gum)				
IT	Cationic polyelectrolytes Cationic surfactants Oxidizing agents (hair-bleaches contg. persulfate salts, oxidizing agents, and xanthan gum)				
IT	Quaternary ammonium compounds, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (hair-bleaches contg. persulfate salts, oxidizing agents, and xanthan gum)				
IT	112-03-8, Stearyltrimethylammonium chloride 7722-84-1, Hydrogen peroxide , biological studies 7722-84-1D, Hydrogen peroxide , addn. products with sodium sulfate or sodium pyrophosphate 7722-88-5D, addn. products with hydrogen peroxide 7727-21-1, Potassium persulfate 7727-54-0, Ammonium persulfate 7757-82-6D, Sodium sulfate, addn. products with hydrogen peroxide 7775-27-1, Sodium persulfate 9004-34-6D, Cellulose, ethers, quaternary ammonium -contg. 15630-89-4, Sodium percarbonate RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (hair-bleaches contg. persulfate salts, oxidizing agents, and xanthan gum)				
IT	11138-66-2, Keltrol				

~6g H₂O₂
 94g H₂O
 25g Bleach
 125g total

4.8% H₂O₂
 11% persulfates
 1% cat.
 surf.

RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);
BIOL (Biological study); USES (Uses)
(hair-bleaches contg. persulfate salts, oxidizing agents, and
xanthan gum)